



# External Hard Drive

## USB 2.0 & FireWire

AcomData External Hard Drives are the fastest, easiest way to add hi-performance data storage space to your computer:

- Hi-Speed USB 2.0 and FireWire
- Sleek, compact design
- Hot swap, plug-and-play convenience
- Connect up to 63 additional FireWire devices
- Easily share data between home and office
- Ideal for professional-quality digital video and audio, digital photos, MP3's, desktop publishing, back-ups, and archiving



### System Requirements:

- Windows 98SE/ME/2000/XP or Mac OS 8.6 or higher
- Available USB or FireWire Port

### Packaging

Weight: 6 Lb

Dimensions: 11.875"L x 4.75"W x 9"H

### Package Contents

- External USB 2.0 & FireWire Hard Drive
- USB Cord and FireWire Cord
- Drive Setup Software
- Quick Install Guide
- Warranty Registration Card



[www.acomdata.com](http://www.acomdata.com)

# AcomData FireWire & USB 2.0 Combo External Hard Drive Specifications

Configuration	HD060U2FE-72	HD080U2FE-72	HD120U2FE-72	HD160U2FE-72	HD200U2FE-72	HD205U2FE-72
Interface	FireWire/USB 2.0	FireWire/USB 2.0	FireWire/USB 2.0	FireWire/USB 2.0	FireWire/USB 2.0	FireWire/USB 2.0
Capacity (before formatting)	60 GB	80 GB	120 GB	160 GB	200 GB	250 GB
Recording Zones	31	31	31	30	30	30
Max areal density (Gbits/sq. inch)	29.7	29.7	29.7	62	62	62
Max recording density (KBPI)	524/547	524/547	524/547	689	689	689
Track Density (KTPI)	56.7/54	56.7/54	56.7/54	90	93.5	93.5
<b>Performance</b>						
Data Buffer	2 MB	2 MB	2 MB	2 MB/8 MB	8 MB	8 MB
Rotational speed (rpm)	7200	7200	7200	7200	7200	7200
Latency (average ms)	4.17	4.17	4.17	4.17	4.17	4.17
Interface transfer (FireWire/USB 2.0) (max Mbps)	400/480	400/480	400/480	400/480	400/480	400/480
Seek time (read typical)	8.8	8.8	8.8	8.8	8.5	8.5
<b>Reliability</b>						
Error Rate (nonrecoverable)	1 in 10E13	1 in 10E13	1 in 10E13	1 in 10E14	1 in 10E14	1 in 10E14
Start/Stops (at 40 C)	40K	40K	40K	50K	50K	50K
<b>Power</b>						
Requirement	+5VDC (+/- 5%) +12VDC (+/- 5%)	+5VDC (+/- 5%) +12VDC (+/- 5%)	+5VDC (+/- 5%) +12VDC (+/- 5%)	+5VDC (+/- 5%) +12VDC (+/- 5%)	+5VDC (+/- 5%) +12VDC (+/- 5%)	+5VDC (+/- 5%) +12VDC (+/- 5%)
Startup Current (max A)	2.0 (12V)	2.0 (12V)	2.0 (12V)	1.72 (12V)	1.72 (12V)	1.72 (12V)
Idle (W)	4.9	4.9	4.9	5.9	7.0	7.0
Power Consumption efficiency(watts/MB)/(W)	0.114	0.114	0.114	0.114	0.114	0.114
<b>Power Supply</b>						
External Power Supply	40watt switching unit, UL/CSA/CE	40watt switching unit, UL/CSA/CE	40watt switching unit, UL/CSA/CE	40watt switching unit, UL/CSA/CE	40watt switching unit, UL/CSA/CE	40watt switching unit, UL/CSA/CE
AC Input	100-240V~, 50/60Hz 1.5A	100-240V~, 50/60Hz 1.5A	100-240V~, 50/60Hz 1.5A	100-240V~, 50/60Hz 1.5A	100-240V~, 50/60Hz 1.5A	100-240V~, 50/60Hz 1.5A
DC output	12V@3.33A 40W MAX	12V@3.33A 40W MAX	12V@3.33A 40W MAX	12V@3.33A 40W MAX	12V@3.33A 40W MAX	12V@3.33A 40W MAX
<b>Physical size of unit</b>						
Height (mm/in)	40.3/1.6	40.3/1.6	40.3/1.6	40.3/1.6	40.3/1.6	40.3/1.6
Width (mm/in)	140/5.6	140/5.6	140/5.6	140/5.6	140/5.6	140/5.6
Depth (mm/in)	210/8.5	210/8.5	210/8.5	210/8.5	210/8.5	210/8.5
Weight (g/kg)	1190/1.19	1190/1.19	1190/1.19	1190/1.19	1190/1.19	1190/1.19
Chassis (approved/recognized)	FCC/CE/UL	FCC/CE/UL	FCC/CE/UL	FCC/CE/UL	FCC/CE/UL	FCC/CE/UL
Package Dimensions	11"x8 5/8 x4 3/8	11"x8 5/8 x4 3/8	11"x8 5/8 x4 3/8	11"x8 5/8 x4 3/8	11"x8 5/8 x4 3/8	11"x8 5/8 x4 3/8
Package Weight	6 lbs	6 lbs	6 lbs	6 lbs	6 lbs	6 lbs
<b>Environmental characteristics (operating)</b>						
Ambient temperature	5 to 55 C	5 to 55 C	5 to 55 C	5 to 55 C	5 to 55 C	5 to 55 C
Relative humidity (non-condensing)	8% to 90%	8% to 90%	8% to 90%	8% to 90%	8% to 90%	8% to 90%
Maximum wet bulb (non-condensing)	29.4 C	29.4 C	29.4 C	29.4 C	29.4 C	29.4 C
Shock (half sine wave)	55 G/2 ms	55 G/2 ms	55 G/2 ms	55 G/2 ms	55 G/2 ms	55 G/2 ms
Vibration (random [RMS])	0.67 for horizontal, 056 for vertical	0.67 for horizontal, 056 for vertical	0.67 for horizontal, 056 for vertical	0.67 for horizontal, 056 for vertical	0.67 for horizontal, 056 for vertical	0.67 for horizontal, 056 for vertical

## The Enclosure

Constructed from a solid, metal sub-chassis with a high-impact plastic exterior, this compact, rugged enclosure will provide years of reliable performance.

## FireWire and USB 2.0 Technology

With their hot-swap capability, thin, flexible wires and blazing performance, both FireWire and USB are used in a wide variety of digital devices, including digital cameras and camcorders, as well as an increasing number of computer peripherals.

The revolutionary FireWire (IEEE-1394a) interface features a non-CPU dependent transfer rate of 400Mbps, auto configuration (no need for ID selection or terminator), and the ability to connect up to 63 devices. USB 2.0 offers data transfers of up to 480 Mbps, while it is still compatible with USB 1 devices.

## The Company

AcomData is dynamic computer hardware manufacturer with decades of cumulative experience. We deliver high-performance, reliable, and cost-effective computer hardware solutions with a focus on innovation, quality, and user-friendly design.

## Other Award-Winning AcomData products for your Windows PC and Macintosh:

- RocketPod™ Hi-Performance Peripherals
- External USB 2.0 Hard Drives
- External FireWire Hard Drives
- Ultra Portable External FireWire Hard Drives, small enough to fit into your shirt pocket
- External USB 2.0 CD-R/W drives
- External FireWire CD-R/W Drives
- External FireWire Tape Back-up Drives
- Multi-FLASH! Memory Card Reader - Reads and writes all 6 major formats

of flash memory cards

- mini-FLASH! Single-Format Memory Card Reader
- USB 2.0 Hub
- USB 2.0 PCI Adapter Card
- FireWire PCI Adapter Card

